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From: WaterISAC
Sent: Thur 2/13/2014 5:40:22 PM
Subject: WaterISAC Pro Daily Update - February 13, 2014

February 13, 2014

Water sector incidents and current threats

(U//FOUO) Major Winter Storm Impacting Eastern U.S.

The U.S Department of Homeland Security has produced a Current Situation Report of a severe winter weather system that is moving from the Southeast into the Mid-Atlantic and parts of the Northeast. States of emergency have been announced in Alabama, Mississippi, Georgia, Louisiana, South Carolina, North Carolina, Virginia, Maryland, and New Jersey. *(Restricted to U.S. entities)*

[Read more on the WaterISAC Portal](#)

Chemical Spill into Mississippi River at Vicksburg (Mississippi/Louisiana)

WaterISAC is tracking an incident that occurred on February 12 in which an overturned tanker truck on the I-20 River Bridge at Vicksburg, Mississippi spilled Isopropyl 2-Chloropropionate into the Mississippi River. Isopropyl 2-Chloropropionate is a highly flammable colorless liquid, insoluble in water. The accident was cleared and the bridge was reopened to traffic yesterday. U.S. Coast Guard officials are assessing the impact of the spill to the Mississippi River.

[Read more on the WaterISAC Portal](#)

Dan River Coal Ash Spill (North Carolina/Virginia)

Yesterday, the North Carolina Division of Public Health issued two health advisories for the Dan River near and downstream of the site of the coal ash leak. The advisories warned against recreational contact with the Dan River and eating of fish or shellfish from the river. The North Carolina Department of Environment and Natural Resources and the Virginia Department of Health have reported that water authorities indicate the water is safe to drink and that they are able to treat water at their intakes using normal water treatment processes.

[Read more on the WaterISAC Portal](#)

Coal Slurry Spill (West Virginia)

The West Virginia Department of Environmental Protection reports it is continuing its investigation and oversight of the cleanup of a spill of approximately 108,000 gallons of coal slurry near Winifrede that occurred on February 11. The coal slurry leaked into Fields Creek, which empties into the Kanawha River. However, the spill is not expected to have a major impact on Kanawha River. There are no public water intakes immediately downstream from the spill site, and officials have said the spill does not affect the public water supply.

According to an official with West Virginia Department of Environmental Protection's Division of Mining and Reclamation, the leak was caused when a valve malfunctioned due to ice. Additionally, plant officials have indicated 4-methylcyclohexanemethanol is not used in its coal cleaning processes, as it had phased out the use of this chemical in mid-January.

[Read more on the WaterISAC Portal](#)

General Security

WaterISAC Special Report: Illegal PCB Dumping

WaterISAC has developed a special report on cases of illegal disposal of polychlorinated biphenyls (PCBs) reported to us by members. These incidents resulted in impacts to wastewater treatment facility operations, damage to equipment, and expensive clean-up costs. Improper disposal of PCBs is a crime, and law enforcement officials are investigating both incidents.

[Read more on the WaterISAC Portal](#)

RESILIENCE

Scientists Develop New Tool for Tracking Spilled Oil

A newly developed computer model holds the promise of tracking and predicting where oil will go after a spill. Scientists from the U.S. Geological Survey developed the model as a way of tracking the movement of sand and oil found along the Gulf of Mexico since the Deepwater Horizon oil spill. The new tool can

CYBERSECURITY

help guide clean-up efforts and responses to future spills. [U.S. Geological Survey](#)

Release of National Institute of Standards and Technology Cybersecurity Framework

As part of Presidential Executive Order 13636, which called for the development of a voluntary risk-based framework that sets industry standards and best practices to help organizations manage cybersecurity risks, the National Institute of Standards and Technology has released its final Cybersecurity Framework. The Framework was created through collaboration between government and the private sector and uses a common language to address and manage cybersecurity risks in cost-effective ways based on business needs without instituting additional regulatory requirements.

[Read more on the WaterISAC Portal](#)

Kaspersky Lab Report: Unveiling Advanced Threat Actor “The Mask”

In its Pro Daily Update and in a portal posting on Tuesday, February 11, WaterISAC noted that researchers had uncovered an advanced threat actor that has used a complex toolset to conduct global cyber-espionage operations. In a special report from Kaspersky Lab, researchers analyze the group known as “The Mask”, which is believed to be responsible for these operations.

[Read more on the WaterISAC Portal](#)

Tomorrow's Events

None

Upcoming Events

Water Sector Cyber Threat Briefing by WaterISAC

Tuesday, February 25, 2014, 2-3 PM ET

On February 25, 2014, WaterISAC will host the monthly Water Sector Cyber Threat Briefing. The webcast will cover industrial control system security incidents and emerging threats, new industrial control system vulnerabilities in the water

sector, situational awareness updates and opportunities for additional support and learning. The webcast will feature presentations from Cavron Mortensen, U.S. Department of Homeland Security ICS-CERT; Jeffrey Ashcraft, Critical Intelligence; and Salim Neino, Kryptos Logic.

Information (Registration opening soon)

The WaterISAC Pro Daily Update is distributed to WaterISAC Pro members every weekday with the exception of public holidays and special events. WaterISAC will issue alerts or advisories outside of this schedule when warranted.

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